

SECRET**PRIORITY****1**

P 172335Z JAN 69

FM NPIC WASHDC

TO RHCOAAA/SAC OFFUTT AFB OMAHA NEB

RHCOAAA/544TH ARTW OFFUTT AFB OMAHA NEB

RUCLFGA/100TH SRW OL 19 MCCOY AFB FLA

RUWJDBA/100TH SRW DAVIS MONTHAN AFB ARIZ

RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD

RUEAIIA/CIA WASH DC

RUEOJFA/DIA

RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF

RUEFHQA/HQS USAF

BT

S E C R E T CITE NPIC 5506.

SAC FOR DIR, DOSR, DISD; 15TH AF FOR DI. DO; 100TH SRW FOR

CO, DCOI; HQ USAF FOR AFRDR DIA FOR DIAXX-2.

FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.

SUBJ: EVALUATION OF GLASS LAMP MISSION G-064

1. IMAGE QUALITY: THE OVERALL IMAGE QUALITY OF THIS MISSION IS FAIR. ATMOSPHERICS ARE THE MAJOR DEGRADING FACTOR. INTERPRETATION SUITABILITY IS POOR TO FAIR. CLOUD COVER AND HAZE OBSCURE

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APPROXIMATELY 50 PERCENT OF THE ENTIRE MISSION, HOWEVER, MOST OF THE CLOUD FREE PHOTOGRAPHY IS OVER WATER. THE FWD-LOOKING (I-3) CAMERA MATERIAL WAS PULLED OUT OF THE RAILS AFTER APPROXIMATELY 50 FEET HAD BEEN EXPOSED. NO FWD MATERIAL WAS SENT TO NRTSC FOR PROCESSING.

2. MISSION DATA:

A. GLASS LAMP MISSION G-064 WAS FLOWN ON 14 JANUARY 1969. A DELTA III CAMERA WITH UNITS I-7 (AFT-LOOKING) AND I-3 (FWD LOOKING) WAS EMPLOYED.

B. FILM TYPE 3404 WAS USED THROUGHOUT. THE AFT MATERIAL WAS PROCESSED TO AN AVERAGE GAMMA OF 3.05 BY NAV RECON TECH SUPPCEN.

C. IMAGE DEGRADATIONS:

(1) FWD CAMERA: NO MATERIAL.
(2) AFT CAMERA: MINUS DENSITY STREAKS OF VARYING SEVERITY AND PARALLEL TO THE MAJOR AXIS ARE PRESENT INTERMITTENTLY THROUGHOUT THE MISSION. THE MORE PROMINENT STREAKS ARE LOCATED WITHIN 1.0 INCH OF THE NON-TILED EDGE. THE PROBABLE CAUSE OF THESE STREAKS IS AN OBSTRUCTION IN THE SLIT APERTURE. THE FIDUCIALS AND SHRINKAGE MARKS ARE PARTIALLY OBSCURED. THE PROBABLE CAUSE IS EMULSION BUILD-UP ON THE GUIDE RAILS. FILM ROLLER PRESSURE

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MARKS ARE PRESENT ACROSS FRAMES 1349 AND 1350. BANDING IS PRESENT IN THE FIRST TWO INCHES OF SCAN IN MOST FRAMES.

D. PHYSICAL DEGRADATIONS:

(1) FWD CAMERA: NO MATERIAL.
(2) AFT CAMERA: RAIL SCRATCHES ARE PRESENT ALONG BOTH EDGES OF THE FILM. AN EMULSION SCRATCH 8.6 INCHES LONG IS PRESENT IN FRAME 1225. A SMALL EMULSION GOUGE 1.2 INCHES FROM THE COUNTER EDGE AND 2.75 INCHES FROM THE END OF SCAN IS PRESENT IN MOST FRAMES.

17 JAN 69 23 46Z

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ADVANCE CY
SANITIZED
WITH TEXT

1**SECRET**

GROUP 1
Excluded from automatic
downgrading and
declassification

- 2 -

E. AUXILIARY DATA: THE EVENTS COUNTER AND CAMERA SERIAL NUMBER ARE THE ONLY AUXILIARY DATA IMAGED.

F. OTHER: THE LAST TITLED FRAME IS 1353.

4. POSITIVES:

A. PRINTING AND PROCESSING ARE ADEQUATE FOR INTERPRETATION PURPOSES. THE MISSION WAS REPRODUCED ON FIVE INCH STOCK. IF A SUCCESSFUL MISSION IS ACCOMPLISHED AND REPRODUCED ON FIVE INCH STOCK, READ-OUT IN STEREO WILL NOT BE POSSIBLE BEACUSE OF EQUIPMENT LIMITATIONS.

GP-1

S E C R E T

END OF MESSAGE